

WIND POWERED GENERATOR  
ABSTRACT OF THE DISCLOSURE

A wind powered electrical generation assembly having a portable wind powered generator tower for supporting a wind powered generator allowing the wind powered generator to be raised, lowered, and removed from the tower. The wind powered electrical generation assembly also includes a vertical elevator on the tower configured to vertically lift the wind powered generator with a carriage to position the wind powered generator at a top of the tower. The wind powered electrical generation assembly further includes a wind powered generator is having at least spars and at least six airfoils with mating cams to rotate the airfoils relative to the spars as the airfoils move along the spars towards an end of the spars as wind passes the airfoils.